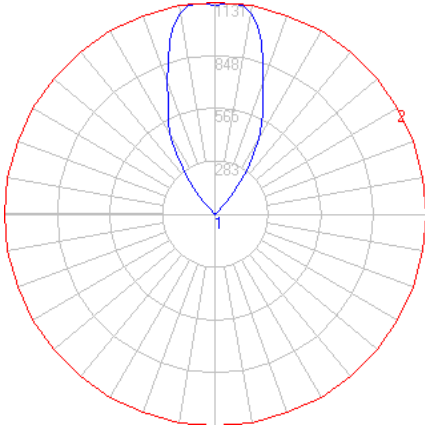


BEGA

File: 84307K4_BEGA_IES.ies

TEST: 84307K4
TEST LAB: BEGA
DATE: 06/23/20
LUMINAIRE: 84307K4
LAMP: 7.8W LED

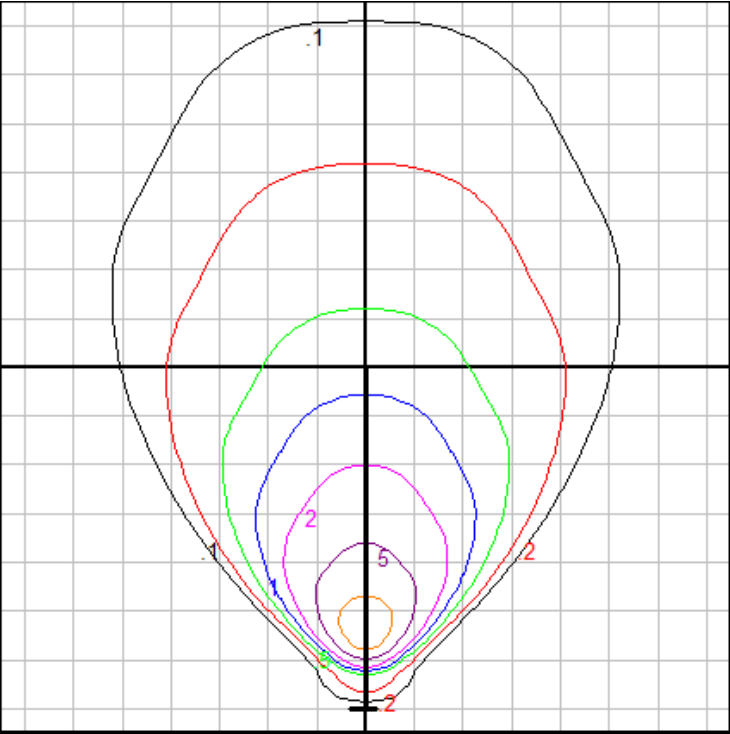


Characteristics

NEMA Type	5 H x 5 V
Maximum Candela	1130.5
Maximum Candela Angle	-5 H -1 V
Horizontal Beam Angle (50%)	52.0
Vertical Beam Angle (50%)	52.8
Horizontal Field Angle (10%)	83.3
Vertical Field Angle (10%)	83.6
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	543
Beam Efficiency	N.A.
Field Lumens	853
Field Efficiency	N.A.
Spill Lumens	36
Luminaire Lumens	889
Total Efficiency	N.A.
Total Luminaire Watts	9
Ballast Factor	1.00

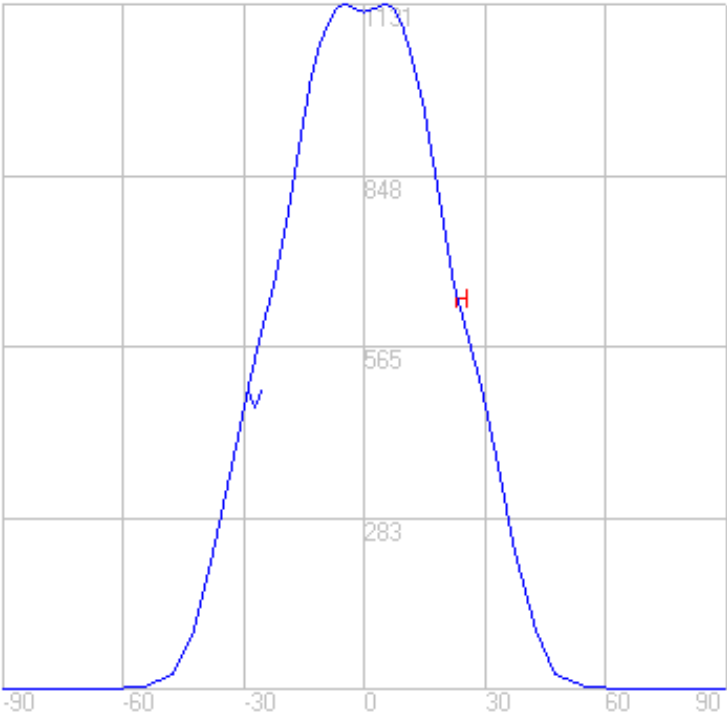
Zonal Lumen Summary

Zone	Lumens
0-10	106.66
10-20	261.19
20-30	276.48
30-40	188.30
40-50	47.65
50-60	3.70
60-70	1.37
70-80	0.87
80-90	0.23
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00



Setback Distance: 2.0 ft.

Grid Spacing: 2.0 ft.



In the interest of product improvement, BEGA reserves the right to make technical changes without notice.

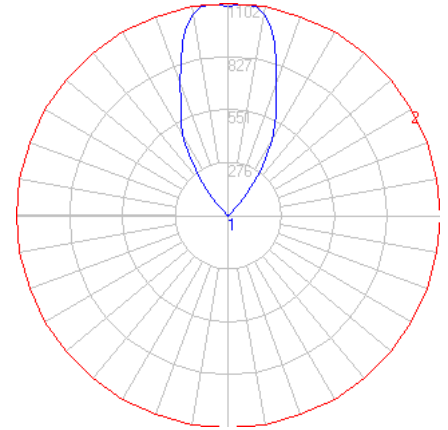
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BEGA

File: 845307K35_BEGA_IES.ies

TEST: 84307K4
TEST LAB: BEGA
DATE: 06/23/20
LUMINAIRE: 84307K35
LAMP: 7.8W LED

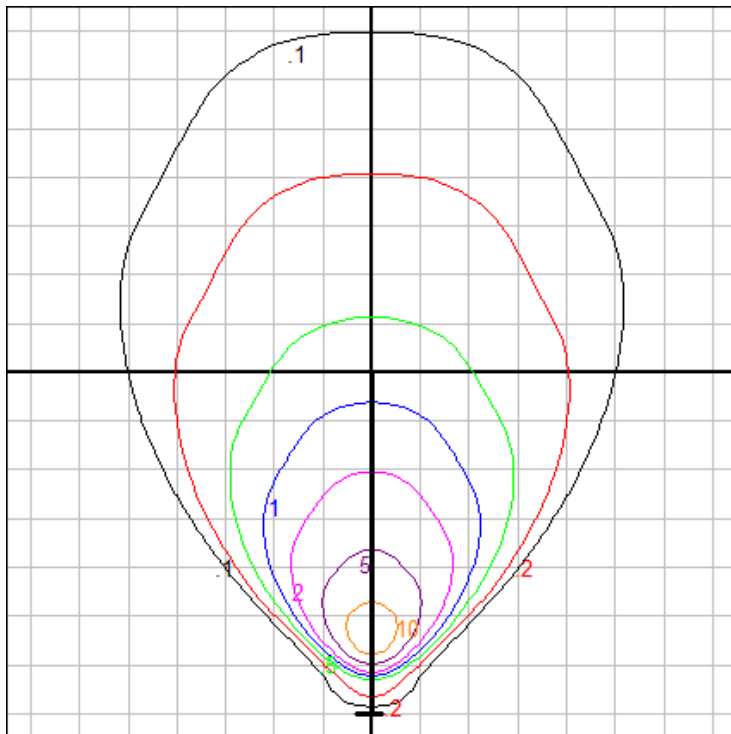


Characteristics

NEMA Type	5 H x 5 V
Maximum Candela	1102.238
Maximum Candela Angle	-5 H -1 V
Horizontal Beam Angle (50%)	52.0
Vertical Beam Angle (50%)	52.8
Horizontal Field Angle (10%)	83.3
Vertical Field Angle (10%)	83.6
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	530
Beam Efficiency	N.A.
Field Lumens	832
Field Efficiency	N.A.
Spill Lumens	35
Luminaire Lumens	866
Total Efficiency	N.A.
Total Luminaire Watts	9
Ballast Factor	1.00

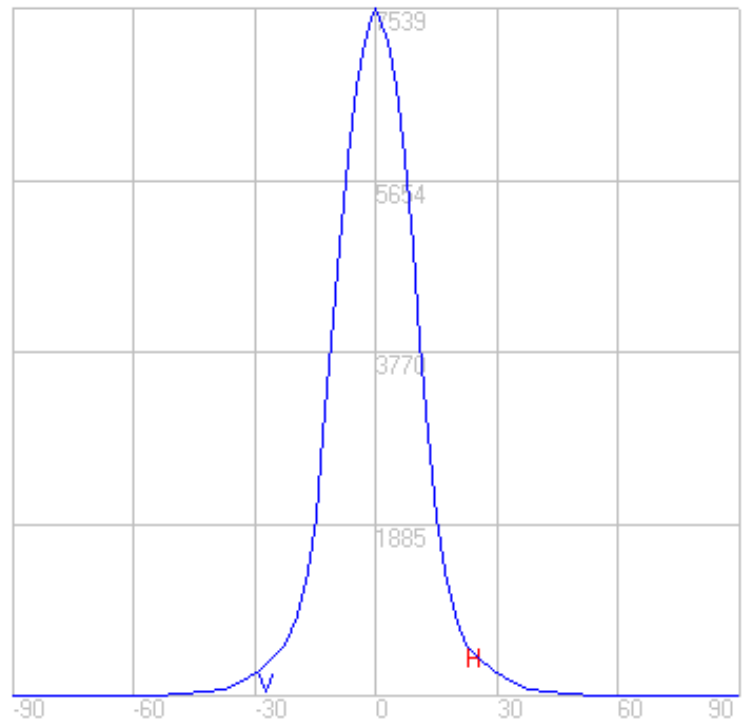
Zonal Lumen Summary

Zone	Lumens
0-10	104.00
10-20	254.66
20-30	269.57
30-40	183.59
40-50	46.46
50-60	3.60
60-70	1.34
70-80	0.85
80-90	0.23
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00



Setback Distance: 2.0 ft.

Grid Spacing: 2.0 ft.



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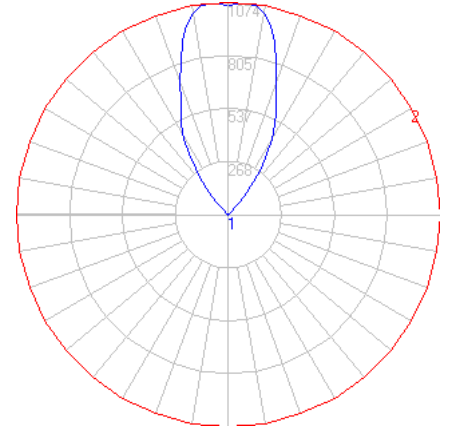
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File: 84307K3_BEGA_IES.ies

TEST: 84307K4
TEST LAB: BEGA
DATE: 06/23/20
LUMINAIRE: 84307K3
LAMP: 7.8W LED

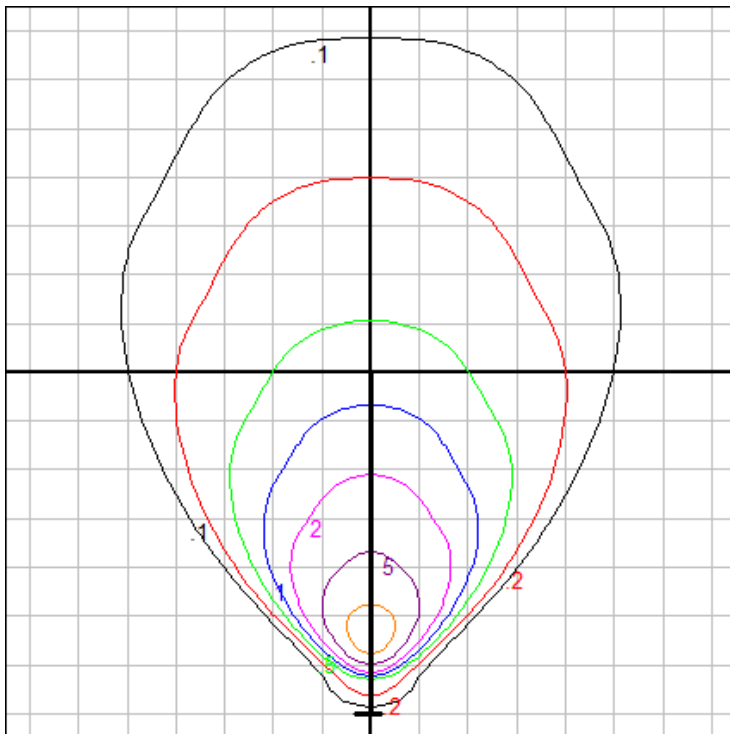


Characteristics

NEMA Type	5 H x 5 V
Maximum Candela	1073.975
Maximum Candela Angle	-5 H -1 V
Horizontal Beam Angle (50%)	52.0
Vertical Beam Angle (50%)	52.8
Horizontal Field Angle (10%)	83.3
Vertical Field Angle (10%)	83.6
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	516
Beam Efficiency	N.A.
Field Lumens	810
Field Efficiency	N.A.
Spill Lumens	34
Luminaire Lumens	844
Total Efficiency	N.A.
Total Luminaire Watts	9
Ballast Factor	1.00

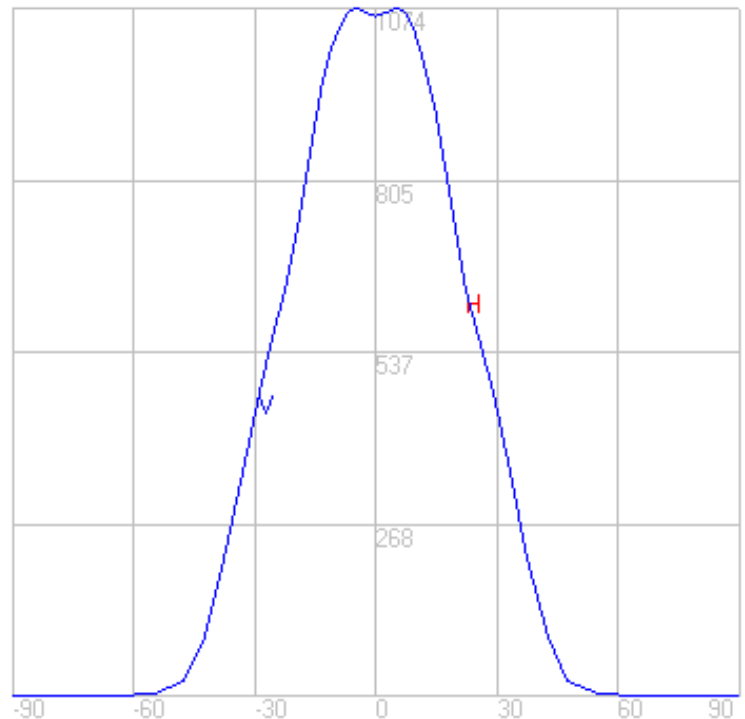
Zonal Lumen Summary

Zone	Lumens
0-10	101.33
10-20	248.13
20-30	262.66
30-40	178.89
40-50	45.27
50-60	3.51
60-70	1.30
70-80	0.83
80-90	0.22
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00



Setback Distance: 2.0 ft.

Grid Spacing: 2.0 ft.



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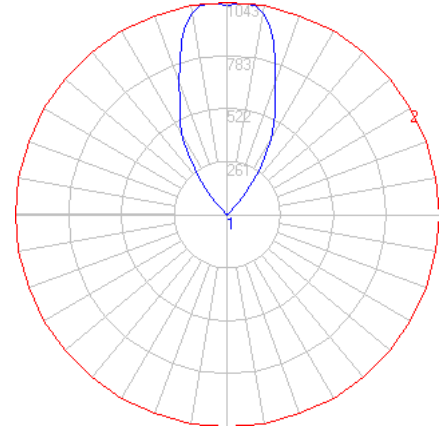
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BEGA

File: 84307K27_BEGA_IES.ies

TEST: 84307K4
TEST LAB: BEGA
DATE: 06/23/20
LUMINAIRE: 84307K27
LAMP: 7.8W LED

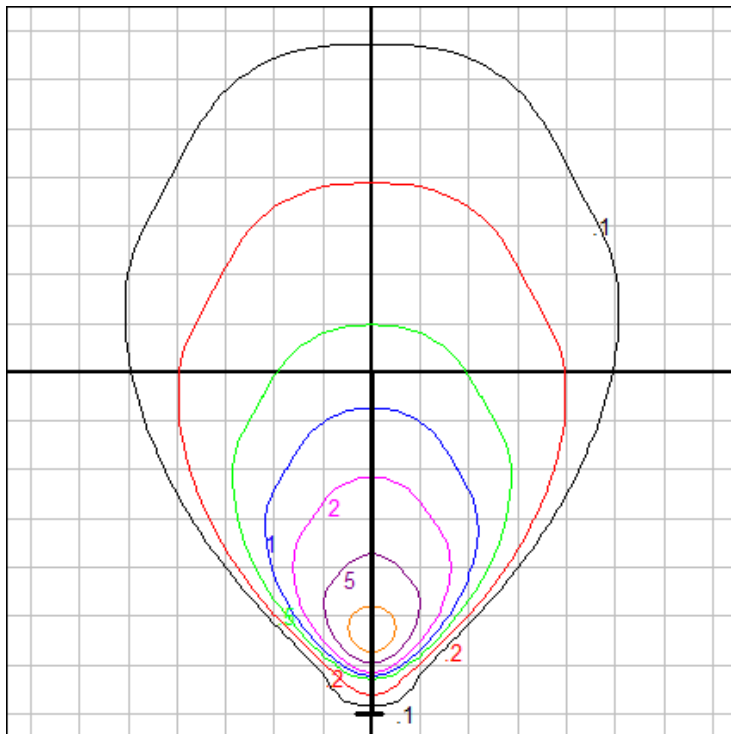


Characteristics

NEMA Type	5 H x 5 V
Maximum Candela	1043.451
Maximum Candela Angle	-5 H -1 V
Horizontal Beam Angle (50%)	52.0
Vertical Beam Angle (50%)	52.8
Horizontal Field Angle (10%)	83.3
Vertical Field Angle (10%)	83.6
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	501
Beam Efficiency	N.A.
Field Lumens	787
Field Efficiency	N.A.
Spill Lumens	33
Luminaire Lumens	820
Total Efficiency	N.A.
Total Luminaire Watts	9
Ballast Factor	1.00

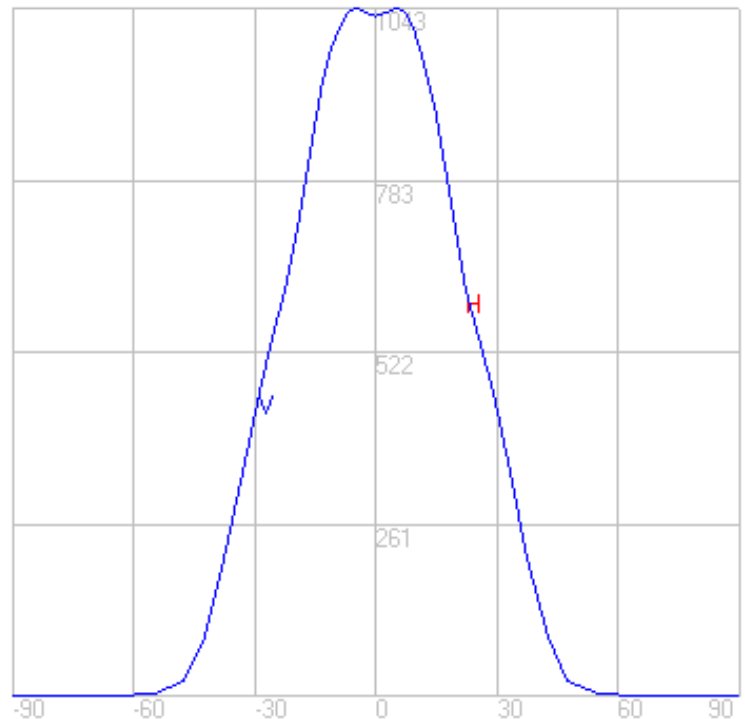
Zonal Lumen Summary

Zone	Lumens
0-10	98.45
10-20	241.08
20-30	255.19
30-40	173.80
40-50	43.98
50-60	3.41
60-70	1.27
70-80	0.80
80-90	0.21
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00



Setback Distance: 2.0 ft.

Grid Spacing: 2.0 ft.



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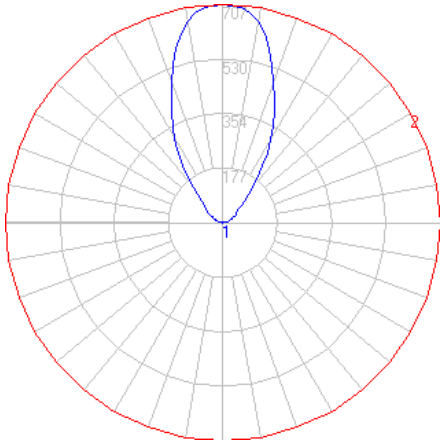
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File: 84307K4_NSL_BEGA_IES.ies

TEST: 84307RK4
TEST LAB: BEGA
DATE: 06/23/20
LUMINAIRE: 84307K4 + Non Skid Lens
LAMP: 7.8W LED

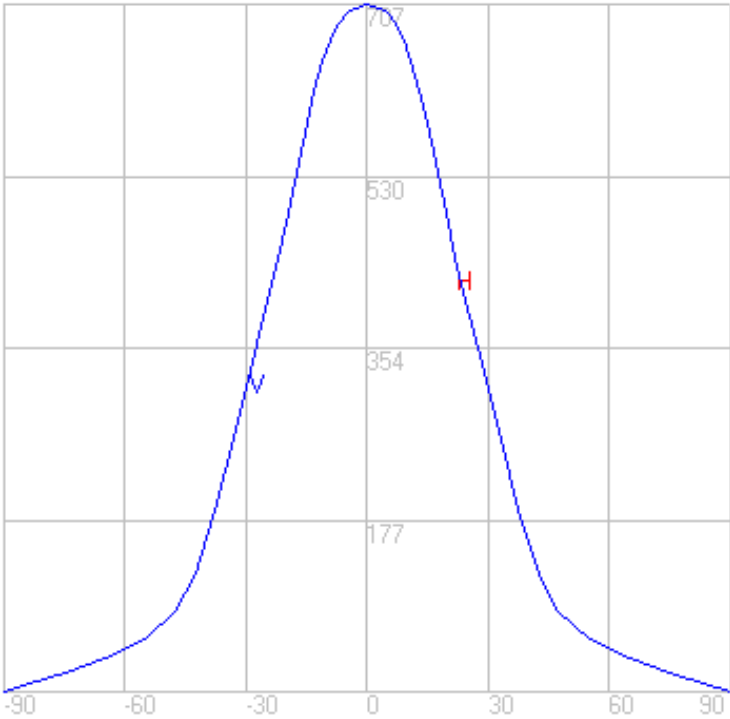
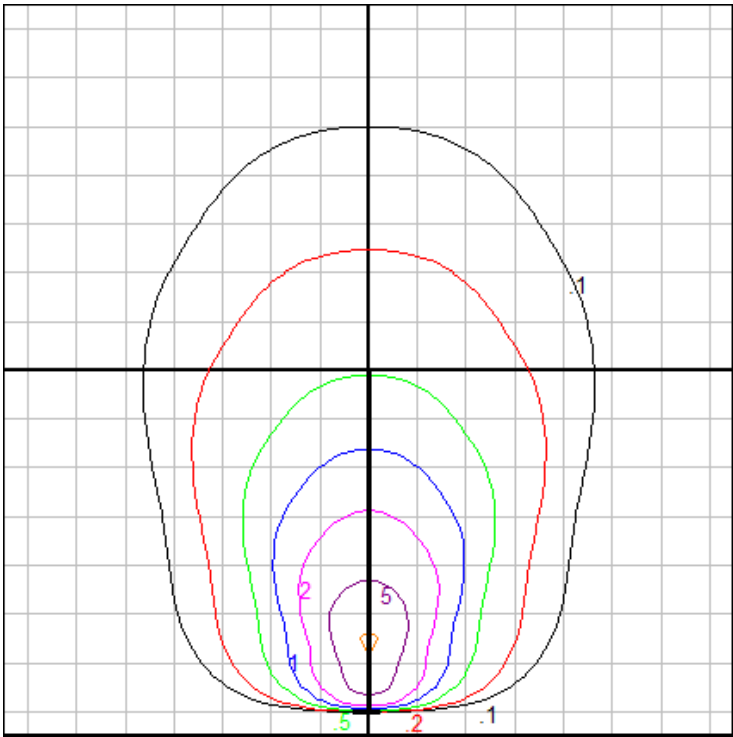


Characteristics

NEMA Type	6 H x 6 V
Maximum Candela	707
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	55.1
Vertical Beam Angle (50%)	55.1
Horizontal Field Angle (10%)	101.1
Vertical Field Angle (10%)	101.1
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	368
Beam Efficiency	N.A.
Field Lumens	626
Field Efficiency	N.A.
Spill Lumens	116
Luminaire Lumens	742
Total Efficiency	N.A.
Total Luminaire Watts	9
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	65.59
10-20	161.87
20-30	181.31
30-40	141.27
40-50	79.14
50-60	49.33
60-70	34.62
70-80	20.76
80-90	6.98
90-100	0.03
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00



Setback Distance: 2.0 ft.

Grid Spacing: 2.0 ft.

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